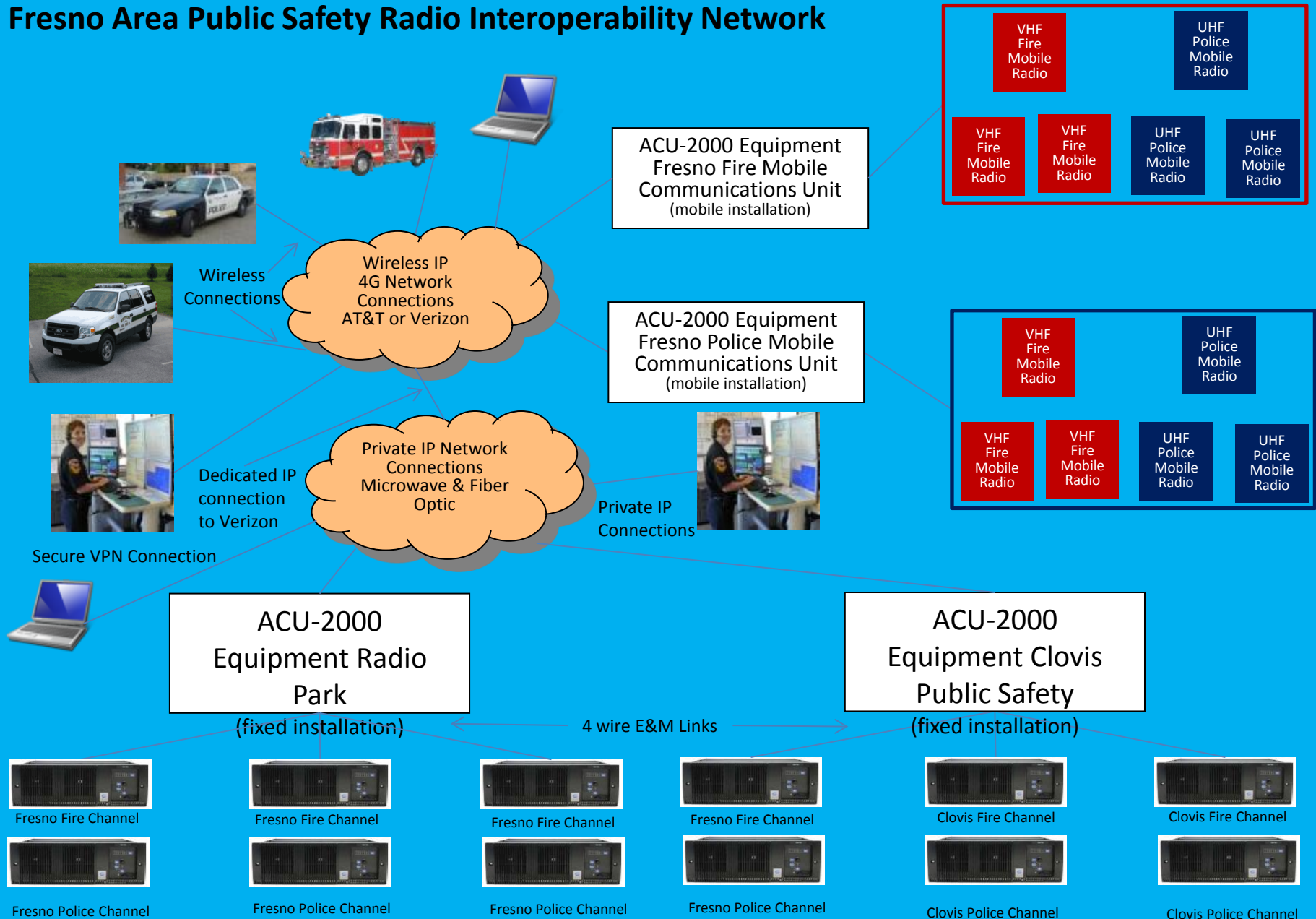


Fresno Area Public Safety Radio Interoperability Network



Fresno Public Safety Interoperable Radio Systems

The Fresno Police Department funded an upgrade to enhance our Raytheon Wide Area Interoperability System installed as part of the Assistance to Firefighters Grant Project adding multi user functionality to the system.

The Raytheon equipment connects to our two way radio systems in four different locations, then uses our private IP networks and Verizon wireless to deliver radio dispatch functionality similar to that of a 911 dispatch center *to any location with private IP network access or good cellular data service using VPN.* This functionality includes transmitting, receiving, monitoring, and patching radio channels of different agencies as needed.

The only equipment needed in the field to use this system is a laptop computer equipped with a Cisco VPN client, a headset, and the Raytheon software. This system gives radio dispatchers access to **Fresno Police, Fresno Fire, Clovis Police, Clovis Fire, and Fresno Sheriffs radio channels** using the two fixed locations. If the two mobile locations are deployed we have access to the channels of many more agencies.

Example of the Raytheon ACU-2000 IP Being Used to Monitor Police Radio Traffic

WAIS Controller - Raytheon JPS Communications

SITE LIST

- ACU CLOVIS
- ACU FIRE COMM VEHICLE
- ACU POLICE MOBILE COMMAND CENTER
- ACU RADIO PARK

DISPATCH **OVERVIEW** **LOCAL** **MENU** **#**

View: **All Sites** **No Sites** ☐ Selected or Monitored Only

	DSP3	1. FPD 1	ACU RADIO PARK
	DSP3	2. FPD 2	ACU RADIO PARK
	DSP3 ^{COR}	3. FPD 3	ACU RADIO PARK
	DSP3	4. FPD 4	ACU RADIO PARK
	DSP3	5. FPD 5	ACU RADIO PARK
	DSP3	6. FPD 6	ACU RADIO PARK
	DSP3	7. FPD 7	ACU RADIO PARK
	DSP3	8. FPD 10 (WIDE AREA)	ACU RADIO PARK
	DSP3	9. FPD FIRE 1	ACU RADIO PARK
	DSP3	1. CLOVIS FIRE 1	ACU CLOVIS
	DSP3	2. CLOVIS FIRE 2	ACU CLOVIS
	DSP3 ^{COR}	3. CLOVIS PD 1	ACU CLOVIS
	DSP3	4. CLOVIS PD 3 (WIDE AREA)	ACU CLOVIS
	DSP3	5. CLOVIS PD 5	ACU CLOVIS
	DSP3	6. FRESNO FIRE (METRO)	ACU CLOVIS
	DSP3	7. FRESNO FIRE (COMMAND)	ACU CLOVIS
	DSP3	8. FRESNO FIRE (FIRE 2)	ACU CLOVIS
	DSP3	9. VFIRE21 (WHITE NET)	ACU CLOVIS
	DSP3	9. RADIO 9	ACU POLICE MOBILE COMMAND CENTER

TALK

LOG OUT
admin

Example of Interdepartmental/Interagency Radio Patch using the Raytheon ACU-2000 IP

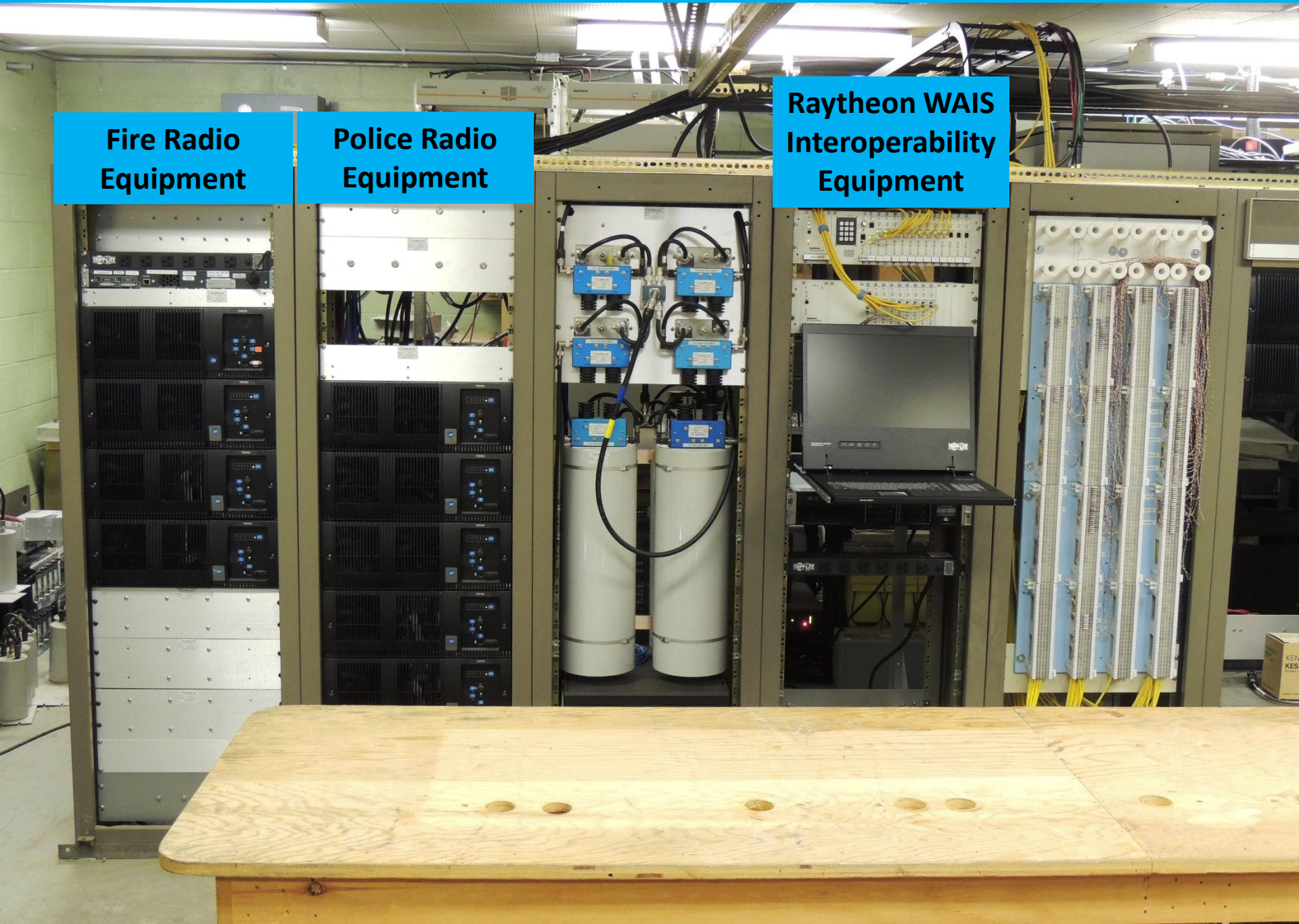


One of the Two Fixed Radio Access Locations

**Fire Radio
Equipment**

**Police Radio
Equipment**

**Raytheon WAIS
Interoperability
Equipment**





Fresno Fire and Police Mobile Communications Units Deployed in Sanger